

Level 1 Validation Certificate



This document verifies that the Level 1 Validation process was completed. The session details and audit review outcomes are included herein.

Audit Information:

Water Supplier Name: Arvin Community Services District PWS ID: 1510001

System Type: Potable Audit Period: CY 2018

Utility Representation: Raul Barraza, General Manager

Validation Date: 11/13/2019 Time: 9:00 a.m.

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 64

ILI: 4.18

Real Loss: 57.95 gal/con/day

Apparent Loss: 3.40 gal/con/day

Non-revenue water as percent of cost of operating system: 3.7%

Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

If not, rejected recommendations are included here.

Validator Information:

Water Audit Validator: Marcos Torres

Qualifications: Water Audit Validator Certificate issued by the CA-NV Section of the AWWA

Certified Validation Report Template, Part B: Provided by Utility

Water Supplier Name: Arvin Community Services District

Water Supplier ID Number: 1510001

Water Audit Period: CY 2018

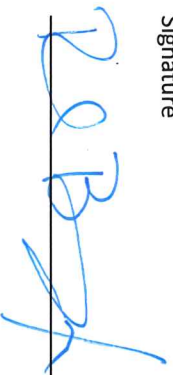
Water Audit & Water Loss Improvement Steps:

Utility to provide steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

- Install a Supervisory Control Data Acquisition (SCADA) System to monitor system parameters and control operations.
- Routine well meter calibration inspections and replace meters outside of +/- 3% accuracy.
- Formalize the accounting process to include direct cost components (power, treatment) as well as indirect cost components (liability, residuals management, etc.)

Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audit and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

| Executive Name (Print) | Executive Position | Signature | Date |
|------------------------|--------------------|---|----------|
| RAUL BARRAZA | GENERAL MANAGER |  | 11/13/19 |